

**WHAT IS CLAIMED IS:**

1. A multi-function scanner for selectively scanning a first document without a laser/anti-counterfeit mark and a second document with the laser/anti-counterfeit mark, the multi-function scanner comprising:

5       a scan module comprising:

        a first light source enabled to emit visible light rays to illuminate the first document;

        a second light source enabled to emit infrared light rays to illuminate the second document;

10       an image sensor; and

        a lens module for focusing reflected light rays from the first or second document onto the image sensor; and

        a scan mode control unit for controlling the scan module to selectively enable the first light source and the second light source to perform a first mode  
15       scan or a second mode scan.

2. The multi-function scanner according to claim 1, further comprising:

        a scan mode selecting unit controlled by a user to select one of the first mode scan and the second mode scan and transfer a selected result to the scan mode control unit, which controls the scan module to perform the first mode scan  
20       or the second mode scan.

3. The multi-function scanner according to claim 2, wherein the scan mode selecting unit comprises:

a first scan button to be pressed by the user to control the scan module to perform the first mode scan; and

a second scan button to be pressed by the user to control the scan module to perform the second mode scan.

- 5           4. The multi-function scanner according to claim 2, wherein the scan mode selecting unit comprises:

a scan button to be pressed by the user to control the scan module to perform the first mode scan or the second mode scan; and

10           a switch to be switched by the user to select the first mode scan or the second mode scan, wherein the first mode scan or the second mode scan is not changed until the user switches the switch.

5. The multi-function scanner according to claim 2, wherein the scan mode selecting unit comprises:

15           a scan button mounted to a bottom of the multi-function scanner, wherein the user may press a top of the multi-function scanner to enable the scan button so as to control the scan module to perform the first mode scan or the second mode scan; and

20           a switch to be switched by the user to select the first mode scan or the second mode scan, wherein the first mode scan or the second mode scan is not changed until the user switches the switch.

6. A method for a multi-function scanner for scanning a document with a laser/anti-counterfeit mark, the method comprising the steps of:

pre-scanning the document to obtain a preview image;

recording a zone of the laser/anti-counterfeit mark selected by a user on the preview image as a marked zone;

5 using a visible light source to scan the document so as to obtain a first image corresponding to the document excluding the marked zone;

using an infrared light source to scan the document so as to obtain a second image corresponding to the marked zone; and

combining the first image with the second image.

7. The method according to claim 6, wherein the first image is a color  
10 image.

8. The method according to claim 6, wherein the marked zone includes plural sub-zones that are not adjacent to each other or one another, and the second image includes plural sub-images corresponding to the sub-zones.